

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please cancel claim 2 without prejudice.

**Listing of Claims:**

1. (Currently Amended) A plug connector designed to be inserted into a fixed-base connector along a connection axis, comprising

- an insulating body provided with cavities, each cavity defining an inner periphery,
- at least one first compression contact terminal, elongated along an elongation axis and designed to be connected to the fixed-base connector by means of a second corresponding contact terminal, the first compression contact terminal being ~~designed to be~~ inserted into ~~a cavity~~ one of the cavities, and the first contact terminal comprising
- a connection end designed to be connected to a printed circuit board,
- an intermediate spring part, and
- a contact end designed to be connected to a the second corresponding contact terminal of the fixed-base connector,

~~characterized in that~~ wherein

- the contact end of the first contact terminal comprises at least one protuberance ~~mounted at the end of its elongated part,~~ which ~~protuberance~~ has a cut-out face to force a lateral movement of the contact end when this protuberance slides against the inner periphery of the cavity, resulting in the compression of the intermediate spring part when the contact end is brought into contact with a facial contact end of the second contact terminal, and wherein the first contact terminal is a flat planar member with the protuberance formed at an edge of the flat planar member along a plane of the flat planar member.

2. (Cancelled)

3. (Currently Amended) The connector according to claim 2 1, ~~further characterized in that~~ wherein

- the intermediate spring part comprises a series of coils beginning with a first coil and ending with a last coil, the first coil being distant from the contact end, the last coil being near the contact end,

the last coil coming to be supported against a shoulder formed in the cavity so as to incline elongation axis relative to connection axis.

4. (Currently Amended) The connector according to claim 1, ~~further characterized in that~~ wherein the contact end has a first protuberance and a second protuberance which are stepped along the elongation axis ~~of the contact end.~~

5. (Currently amended) The connector according to claim 4, ~~further characterized in that~~ wherein the first protuberance and the second protuberance of the contact end are placed in the same plane.

6. (Currently Amended) The connector according to claim 1, ~~further characterized in that~~ wherein

- the cavity defines an inlet and an outlet, the inlet being an area of the cavity near the contact end and the outlet being an area of the cavity distant from this same contact end,

- at the inlet of cavity, the inner periphery of the cavity defines a straight edge against which the contact end of the first contact terminal is designed to be supported at rest[[,]] electrically disconnected.

7. (Currently Amended) The connector according to claim 6, ~~further characterized in that~~ wherein

- the contact end forms an elongated part terminating with a rounded edge, which edge is provided with the protuberance,

- the contact end is supported against the straight edge of the cavity in an area corresponding to a junction between the protuberance and the elongated part.

8. (Currently Amended) The connector according to claim 1, ~~further characterized in that~~ wherein the first contact terminal is made by stamping.

9. (New) A plug connector adapted to be inserted into a fixed-base connector along a connection axis, comprising:

an insulating body having a cavity;

a first compression contact terminal, elongated along an elongation axis and adapted to be connected to the fixed-base connector by means of a second corresponding contact terminal of the fixed-base connector, the first compression contact terminal being located in the cavity, wherein the first contact terminal is a flat planar member comprising:

a connection end adapted to be connected to a printed circuit board;

an intermediate spring part; and

a contact end adapted to be connected to the second corresponding contact terminal of the fixed-base connector,

wherein the contact end of the first contact terminal comprises at least one protuberance which has a cut-out face to force a lateral movement of the contact end when the protuberance slides against a wall of the cavity, resulting in compression of the intermediate spring part when the contact end is brought into contact with a facial contact end of the second contact terminal, and wherein the connection end comprises at least one aperture receiving a projection of the insulating body to fixedly hold the connection end in the insulating body.

10. (New) The connector according to claim 9 wherein the protuberance formed at an edge of the flat planar member along a plane of the flat planar member.

11. (New) The connector according to claim 1 wherein the connection end comprises at least one aperture receiving a projection of the insulating body to fixedly hold the connection end in the insulating body.